

ABSTRACT OF THE DISCLOSURE

5 An inlet seal assembly for sealing an injection port member in a
chromatography instrument , comprising an injection port member having a
bottom surface with a raised metal ring, an inlet seal member with an upper
surface, a peripheral groove formed in the upper surface of the inlet seal
member, a soft ring made of resinous plastic material positioned in the
peripheral groove of the inlet seal member opposite the raised metal sealing
ring of the injection port member, a reducing nut holding the inlet seal member
against the injection port member, and threads connecting the reducing nut to
10 the injection port member whereby to press the soft ring of the inlet seal
member against the raised metal sealing ring of the injection port member to
form a seal between the sealing ring and the injection port member. A method
of making and using the inlet seal assembly.